| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|--------------------|---------------------|---------|------------------|
| S1 | 0 | "10808606" | US-PGPUB; USPAT | OR | ON | 2007/03/22 14:50 |
| S2 | 8 | "808606" | US-PGPUB; USPAT | OR | ON | 2007/03/21 18:30 |
| S3 | 133 | 398/30.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/21 18:30 |
| S4 | 21 | S3 AND (OPTICAL with TRANSMISSION with SYSTEM and SIGNAL WITH GENERATOR) | US-PGPUB; USPAT | OR | ON | 2007/03/21 18:32 |
| S5 | 4770 | "21" and (MULTIPLEX\$3 near UNIT) | US-PGPUB; USPAT | OR | ON | 2007/03/21 18:32 |
| S6 | 168185 | (Optic\$3 With transmission with multiplex\$3 ADJ unit NEAR2 supervisory OR administrat\$ AND signal) | US-PGPUB; USPAT | OR | ON | 2007/03/22 14:53 |
| S7 | 9472 | S6 AND (transmission WITH line) | US-PGPUB; USPAT | OR | ON | 2007/03/22 14:54 |
| S8 | 3289 | S7 AND (transmission WITH line AND multiplex\$4) | US-PGPUB; USPAT | OR | ON | 2007/03/22 14:57 |
| S9 | 0 | S8 AND (first NEAR signal NEAR second NEAR signal WITH supervisor\$3 WITH signal and multiplux\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 14:59 |
| S10 | 0 | S8 AND (signal WITH supervisor\$3 WITH signal and multiplux\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 15:00 |
| S11 | 0 | S8 AND (supervisor\$3 WITH signal and multiplux\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 15:00 |
| S12 | 0 | (supervisor\$3 WITH signal and multiplux\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 15:00 |
| S13 | 0 | (supervisor\$3 ADJ signal and multiplux\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 15:00 |
| S14 | 8627 | (Signal With generator WITH multiplex\$3) | US-PGPUB; USPAT | OR | ON | 2007/03/22 15:02 |
| S15 | 110 | S8 AND S14 | US-PGPUB; USPAT | OR | ON | 2007/03/22 16:36 |
| S16 | 110 | 398/68.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/22 16:43 |
| S17 | 6 | S16 AND (raman WITH amplif\$4) | US-PGPUB; USPAT | OR | ON | 2007/03/22 18:10 |
| S18 | 110 | 398/68.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/22 18:10 |
| S19 | 108 | 398/138.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/22 18:11 |

| S20 | 0 | 198/30.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/22 18:12 |
|-----|--------|--|--|----|----|------------------|
| S21 | 133 | 398/30.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:35 |
| S22 | 81 | S21 and S19 and13 | US-PGPUB; USPAT | OR | ON | 2007/03/22 18:13 |
| S23 | 833 | (WDM WITH transmission WITH device\$1) | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:36 |
| S24 | 433347 | (WDM NEAR2 OPTICAL WITH Reception OR receiver) | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:38 |
| S25 | 417 | (S23 AND S24) | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:38 |
| S26 | 1 | S25 AND (OSC WITH first NEAR4 signal with second NEAR2 signal) | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:40 |
| S27 | 32 | S25 AND (OSC OR supervisor WITH first NEAR4 signal with second NEAR2 signal) | US-PGPUB; USPAT | OR | ON | 2007/03/23 20:07 |
| S28 | 0 | "10808606" | US-PGPUB; USPAT | OR | ON | 2007/03/23 19:59 |
| S29 | 8 | "808606" | US-PGPUB; USPAT | OR | ON | 2007/03/23 20:00 |
| S30 | 32 | S25 AND (OSC OR supervisor WITH first NEAR4 signal with second NEAR2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:15 |
| S31 | 26 | 398/145.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:18 |
| S32 | 365 | 398/140.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:19 |

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|-----|-------|---|--|----|----|------------------|
| S33 | 8 | S32 AND(OSC or supervisor\$3 NEAR signal AND raman and short ADJ wavelength and clock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:21 |
| S34 | 21164 | (OSC or supervisor\$3 NEAR signal AND raman and short ADJ wavelength NEAR4 ASE and clock) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:22 |
| S35 | 110 | 398/68.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:23 |
| S36 | 5 | S34 And S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:25 |
| S37 | 61 | 398/10.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:25 |
| S38 | 0 | S37 AND S35 AND (RAMAN NEAR excit\$5 AND clock and control and check) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:26 |
| S39 | 61 | S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:30 |

| S40 | 0 | S37 AND (wdm WITH TRANSMISSION WITH OSC with input NEAR FIRST and second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:31 |
|-----|--------|--|--|----|----|------------------|
| S41 | 1 | S37 AND (wdm WITH TRANSMISSION WITH OSC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:44 |
| S42 | 653221 | (WDM NEAR optical with transmission NEAR OSC or supe rvior adj channel\$1 NEAR first WITH shor\$3 wavelength and second WITH shor\$3 wavelength) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:47 |
| S43 | 81495 | S42 AND (OSC with first WITH optical AND second WITh optical NEAR4 short and long wavelength and raman with extrac\$3 OR excit\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 20:49 |
| S44 | 41 | S43 AND (first with optical with supervisory with signal second with supervisory with signal and short and long with wavelength) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 21:48 |
| S45 | 11 | "635723" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:12 |
| S46 | 11 | "635723" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:13 |

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|---------|-----|--|--|----|----|------------------|
| S47 | 18 | "390192" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:15 |
| S48 | 4 | "6819828" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:50 |
| S49 | 3 | "6621620" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:52 |
| S50 | 7 | "6532102" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:57 |
| S51 | 10 | "6411407" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 22:58 |
| S52 | 9 | "6411407" | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:03 |
| S53 | 0 | (WDM with transmission and recewption with device) AND (supervisor\$3 with generat\$3 with first and second) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:05 |
| S54 | 0 | (WDM with transmission and recewption with device) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:05 |
| S55 | 213 | (WDM with transmission and reception with device) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:06 |
| S56 | 213 | S55 AND (transmission withsupervisory NEAR channel\$2 with first NEAR second and short and long with wavelength) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:27 |

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|-----|-----|--|--|----|----|------------------|
| S57 | 110 | 398/68.ccls. | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:27 |
| S58 | 0 | S57 AND (supervisory with signal with continuty NEAR transmission with line and APSD with control and clock) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:29 |
| S59 | 0 | S57 AND (supervisory with signal with continuty NEAR transmission with line) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:30 |
| S60 | 0 | S57 AND (supervisory with signal NEAR transmission with line) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:30 |
| S61 | 1 | S57 AND (supervisory with signal) | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:47 |
| S62 | 8 | "808606" | US-PGPUB; USPAT | OR | ON | 2007/03/26 10:51 |
| S63 | 9 | "6411407" | US-PGPUB; USPAT | OR | ON | 2007/03/26 11:07 |
| S64 | 10 | "6411407" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 11:44 |
| S65 | 9 | (WDM with optical with transmission with device) AND (OSC with first and second with signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 12:24 |
| S66 | 16 | "808606" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 14:46 |
| S67 | 10 | "6411407" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 12:25 |
| S68 | 1 | "4451916".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:12 |

| S69 | 1 | "4833668".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:12 |
|-----|-------|---|-----------------|----|----|------------------|
| S70 | 1 | "5113459".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:12 |
| S71 | 1 | "5150243".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:13 |
| S72 | . 1 | "5170447".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:13 |
| S73 | 1 | "5274496".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:13 |
| S74 | 1 | "5299048".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:14 |
| S75 | 1 | "5383046".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:15 |
| S76 | 1 | "5394265".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:15 |
| S77 | 1 | "5455704".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:15 |
| S78 | 1 | "5510931".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:16 |
| S79 | 1 | "5521737".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:16 |
| S80 | 1 | "5532864".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:16 |
| S81 | 1 | "5532864".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:16 |
| S82 | . 1 | "5535037".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:17 |
| S83 | 1 | "5546213".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:17 |
| S84 | 1 | "5555477".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:17 |
| S85 | 1 | "6046833".PN. | USPAT; USOCR | OR | ON | 2007/03/26 13:19 |
| S86 | 16953 | OSC or (optical adj supervisor\$1ADJ chanal) | USPAT; USOCR | OR | ON | 2007/03/26 13:20 |
| S87 | 148 | S86 AND WDM | USPAT; USOCR | OR | ON | 2007/03/26 13:54 |
| S88 | 0 | S87 AND (OSC near transmission and recepttion) | USPAT; USOCR | OR | ON | 2007/03/26 13:21 |
| S89 | 10 | "808606" | USPAT; USOCR | OR | ON | 2007/03/26 13:54 |
| S90 | 10 | "808606" | USPAT; USOCR | OR | ON | 2007/03/26 13:55 |

| S91 | 10 | "808606" | USPAT; USOCR | OR | ON | 2007/03/26 13:55 |
|----------|-----|--|--|----|----|------------------|
| S92 | 10 | "6411407" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 16:40 |
| S93 | 4 | "6941078" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/26 16:40 |
| S94 | 1 | (optical adj transmission) near2 ((supervisor\$4 adj signal\$3) with (main adj signal\$1)) | US-PGPUB; USPAT | OR | ON | 2007/09/24 08:35 |
| S95 | 5 | ("4211920" "4564933" "5315674" "5825515" "6014481").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:38 |
| S96 | 0 | multiplex\$4 with ((first and second) adj (supervisor\$4 adj signal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:39 |
| S97 | 1 | multiplex\$4 same ((first and second) adj (supervisor\$4 adj signal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:49 |
| S98 | 6 | ("3870828" "5223826" "5247292" "5566343" "5838249" "6310708").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:44 |
| S99 | 125 | 398/181.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:44 |
| S10 0 | 0 | S97 and S99 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:49 |
| S10 1 | 0 | multiplex\$4 near2 ((first and second) adj (supervisor\$4 adj signal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:49 |
| S10 2 | 67 | multiplex\$4 near2 ((supervisor\$4 adj signal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:49 |
| S10 3 | 5 | S99 and S102 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:52 |

| S10 4 | 347 | (first with second) with (supervisor\$4 adj signal) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:53 |
|----------|-------|---|---|----|-----|------------------|
| S10 5 | 18 | (first with second) with (supervisor\$4 adj signal) with main | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 08:54 |
| S10 6 | 5 | ("4211920" "4564933" "5315674" "5825515" "6014481").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 09:07 |
| S10 7 | 72 | two near2 (supervisor\$4 adj signal) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 09:59 |
| S10 8 | 61055 | (supervisor\$4 or OSC or service adj channel\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 10:00 |
| S10 9 | 1420 | S108 and (WDM) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 10:01 |
| S11 0 | 803 | S109 and ("398"/.clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 11:54 |
| S11 1 | 1 | "20030072064" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 12:38 |
| S11 2 | 1 | "20030072064" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 12:39 |
| S11 3 | 1 | 10/808606 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 12:43 |
| S11 4 | 1 | "20040190904" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:00 |
| S11 5 | 2 | "20040165624" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/24 16:00 |
| S11 6 | 1 | ("7039325").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/24 19:34 |
| S11 7 | 1 | ("20020024690").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/24 19:41 |
| S11 8 | 1 | 10/808606 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:43 |

| S11 9 | 1 | (supervisor\$3) near2 (signal with (APSD)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:45 |
|----------|-----|--|---|----|----|------------------|
| S12 0 | 0 | (supervisor\$3) near2 (clock with (APSD)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:45 |
| S12 1 | 1 | (supervisor\$3) near2 ((APSD)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:46 |
| S12 2 | 0 | clock near2 ((APSD)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:46 |
| S12 3 | 0 | (clock or NRZ) near2 ((APSD)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:46 |
| S12 4 | 0 | (clock adj signal) with (APSD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:47 |
| S12 5 | 0 | (clock adj signal) near2 (APSD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:48 |
| S12 6 | 120 | (auto adj power adj shutdown) or (APSD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:49 |
| S12 7 | 24 | S126 and (clock) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 19:49 |